TOP SECRET

SPECIAL HANDLING

27 Oct 61

MEMORANDUM FOR DR. CHARYK

SUBJECT: Discoverer Funds

The following information presents the status of the fund situation provided to SAFMS over the private communications system.

A. Pad 75-1-2

The previous estimate of LMSC [redacted] and DAC [redacted] was based on experience of converting pad 75-1-1. Upon further examination it has been determined that the same conditions do not exist, i.e., Agena checkout equipment was transferred from pad 14 AMR to PMR and actual expenditures, due to audit procedures, were higher than first reported. The revised estimate for conversion is:

Base activity and support
Fabrication and assembly (AMR supplied for 75-1-1)
Logistics and spares
Support services
Quality assurance
Basic conversion

[redacted]

DAC

B. Current actual funds - FY 62 FY 63

[redacted]

These are the only funds actually available or shown as approved and this provides for the first five vehicle extension--1123, 1124, 1125, 1126, 1127.

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C. Extended program (2/mo - total 15) - FY 62 FY 63

[redacted]

1962											
J	F	M	A	M	J	J	A	S	O	N	D
1	1	0	1	2	2	2	2	2	2	0	0

This schedule does not require pad 75-1-2 and has no equipment, services, or support problems.

D. Accelerated work schedule (3/mo) - FY 62 FY 63

[redacted]

1962											
J	F	M	A	M	J	J	A	S	O	N	D
1	1	0	2	2	3	3	3	0	0	0	0

These funds will provide for the conversion of pad 75-1-2 and procurement of all Thor/Agenas (thru 1136) peculiars for the One (1) C''' and 14 M program for CY 62. Pad 75-1-2 is required to support this schedule. Immediate release of [redacted] FY 62 funds are required.

In addition, the priority of this program will slip the third 102 launch and one of the NASA vehicles slightly. Actual pad loading is still being determined.

E. Schedule 1 (3/mo) - FY 62 FY 63

[redacted]

1962											
J	F	M	A	M	J	J	A	S	O	N	D
1	1	0	2	2	3	3	3	3	3	2	1

This schedule (thru 1145) will require special procedures and additional check out facilities at the base. The Thor recorder lead time is 15 months and DAC is currently on a sustaining rate of two (2) Thors/mo. The DAC tooling can provide 3 on Thors/mo. The engine rate is 2/mo and is capable of 3/mo production. There are two or three extra engines available to support the schedule in C above but NAA will require expeditious support to meet schedule since engine lead times are about one year on normal procedures. The above funds provide for all engine costs in FY 62. In addition, this rate of launches will require additional tracking station support. The above figures include an estimate which might be low. Paid 75-1-2 costs are included.

F. Schedule 2 (max) - FY 62 FY 63

[redacted]

1962

J	F	M	A	M	J	J	A	S	O	N	D
1	1	0	2	2	3	4	4	3	3	4	2

This schedule (thru 1150) is the schedule shown at the program review on 13 October by LMSC.

The above funds include the conversion of pad 75-1-2. There are some special conditions that will have to be provided in order to meet this schedule. Permission will have to be granted to remove one each of the Program 102 and NASA vehicles in the summer of 1962. We will have to confiscate four boosters from the NASA Delta, Agena B, or Program 102 with these to be replaced at a later date. In addition, the booster production rate will have to be increased to four per month. In order to meet this increased rate a go ahead to NAA is required immediately to meet an August launch date. There will be a very large impact on the C&C and tracking capabilities. There is an estimate in the above funds; however, these may be low. There will be required overtime and priority statements provided to GE in order to make the recovery units to support this schedule. This schedule will require immediate go ahead and full support with no deviations in order for it to be accomplished. This is by far the most difficult of all of the above schedules. There will be interferences at the payload contractors and LMSC. The degree is not known.

The effect on the program by the introduction of the Agena D (standardized Agena B) assuming availability in mid-CY 62 has not been determined. There is also a potentially serious condition with regard to cover. Possibly "Umbrella," if implemented now and it becomes effective by next summer, will make this problem go away. The conflict with other programs, if any, at both SSD and LMSC has not been determined although it is believed to be minor and temporary. Payloads should not present any problem insofar as availability is concerned. Further detail in fund breakout will be available next week. In order to clarify the actual desired condition it is urgently requested that you select one of the above conditions so that we may proceed to have [redacted] provide the funds and send the direction to SSD to proceed.

RICHARD D. CURTIN
Brigadier General, USAF
Director, Office of
Missile & Satellite Systems